

Database of Steel and Alloy (Marochnik)

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Characteristics for grade AO3-7 (AO3-7).

Grade :	AO3-7 (AO3-7)
Classification :	Alluminium antifriction alloys
Equivalent grades:	Is absent

Chemical composition in % for grade AO3-7 (AO3-7)

Fe	Si	Mn	Al	Cu	Mg	Zn	Sn
max 0.5	0.6 - 1.2	0.5 - 0.8	84.95 - 89.4	7 - 8.5	max 0.35	max 0.2	2.5 - 3.5

Comment: **Al** is a basis; the percentage of **Al** is given approximately.

Limiting operating condition of the material AO3-7 (AO3-7)

Load	Speed	Load * Speed	Temperature
MPa	m/s	MPa * m/s	Grade
19.5	15		100

Database of steels and alloys (Marochnik) contains information about chemical composition and properties more then 2500 steels and alloys (stainless steel, alloy steel, carbone steel, structural steel, tool steel, cast iron, aluminum alloy, titanium alloy, copper alloy, nickel alloy, magnesium alloy and others).
Helpfull for specialists in grade technology, structural engineer, mechanical engineer, metallurgy and metal trader

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